

## **LISTING OF THE CLAIMS**

This listing of claims are the presently pending claims of the application:

### **1. - 3. (Canceled)**

### **4. (Currently Amended) An endoscope apparatus comprising:**

a general-purpose video processing circuit having a drive signal generation function for driving a solid-state image pick-up device built into an endoscope and a signal processing function for outputting a standard video signal by processing an output signal from the solid-state image pickup device; and

an endoscopic function adjusting circuit comprising a function modifying circuit, connected to the general-purpose video processing circuit, for modifying at least one of the drive signal processing function and the signal processing function executed by the general-purpose video signal processing circuit in accordance with the endoscope having the solid-state image pickup device therein;

wherein the endoscopic function adjusting circuit comprises a delay amount adjusting circuit for canceling the effect of a signal delay taking place in a signal cable connecting the solid-state image pickup device to the signal processing circuit, by only adjusting timing of pulse-wave drive signals of the solid-state image pickup device;

the general-purpose video processing circuit and the endoscopic function adjusting circuit being provided in only two substrates in a common signal processing apparatus.

### **5. - 8. (Canceled)**

**9. (Previously Presented) An endoscope apparatus according to Claim 4, wherein the general-purpose video signal processing circuit and the endoscopic function adjusting circuit are usable with a plurality of insert sections having different respective lengths and correspondingly different internal delay amounts.**

**10. (Previously Presented)** An endoscope apparatus according to Claim 4, wherein the general-purpose video signal processing circuit and the endoscopic function adjusting circuit are usable with a plurality of solid-state image pickups having different respective numbers of pixels.

**11. (Previously Presented)** An endoscope apparatus according to Claim 4, further comprising:

a solid-state image pickup device mounted at the end of an insert section of an endoscope;  
a signal processing circuit, arranged in the endoscope, for driving the solid-state image pickup device and for producing a standard video signal in response to an output signal from the solid-state image pickup device;  
said general-purpose video signal processing circuit and said endoscopic function adjusting circuit being comprised in said signal processing circuit.

**12. (Previously Presented)** An endoscope apparatus according to Claim 4, wherein said endoscopic function adjusting circuit controls a wave-shaping operation for wave-shaping said output signal from said solid-state image pickup device.